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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Dario B. Crosetto

Confirmation No.: 6928

Serial No.: 10/706,821

Group Art Unit: 2884

Filed: November 10, 2003

Examiner: Albert J. Gagliardi

For: METHOD AND APPARATUS FOR  
IMPROVING PET DETECTORS

Attorney Docket No.: 510974-600005

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed January 6, 2006 in connection with the above identified patent application and in accordance with Rule 146 of the Rules of Practice, please consider the following remarks. Applicant submits concurrently herewith (i) a Petition for Extension of Time extending the period of response three months from April 6, 2006 up to and including July 6, 2006, accompanied by the appropriate fee; and (ii) an Associate Power of Attorney.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 12 of this paper.

**Remarks / Arguments** begin on page 16 of this paper.